Portable / Handheld
Smart Gas Monitor

Model : GD - 100

Protects Personnel, Plant & Assets

COMPACT, LIGHT WEIGHT INTELLIGENT UNIT WITH A BROAD SPECTRUM OF FEATURES TO DETECT TOXIC GASES AND OXYGEN DEFICIENCY

TECHNOLOGY

The advanced micro-controller technology employed makes these alert meters highly dependable, reliable and accurate. The complete automatic operation and calibration feature leaves no scope for user error. It has inbuilt Alarm with Vibration. These compact, self contained and intrinsically safe designs are housed in a weather proof and dust resistant high impact plastic.

SPECIAL FEATURES

- Compact size helps you carry it in hand/pocket
- Rechargeable Battery
- LCD Display
- Inbuilt Alarm with Vibration
- Adjustable Alarm Setting
- Auto zero with fresh air as sample gas
- 4 Key Operation

APPLICATIONS

- Refineries
- Petrochemicals
- Oil and gas
- Pharmaceutical
- Steel
- Fertilizers
- Process industries

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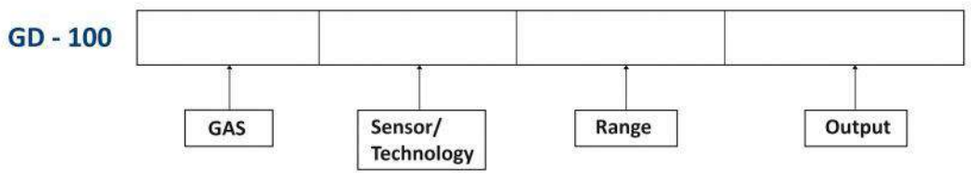
SPECIFICATIONS

Type	Portable, Smart, Pocket size
Detectable gases / parameters	Toxic gases, oxygen
Electronics / processor	Micro-controller
Power supply	3.7 V DC Rechargeable Li-ion battery
Display	LCD display
Alarm	LOW & HI (Inbuilt low battery alarm with Vibration)
Technology / Sensor	Electrochemical
Resolution	1 PPM or 0.1 PPM / %V/V
Accuracy	± 2% of Range / For O2 : 0.5 % of Range
Response time	Less than 30 sec
Operating temperature	0 to 55 °C
Sampling	Diffusion
Housing	High Impact ABS
Accessories	230 VAC, 50 Hz Charger
Sensor life	Approx. 2 - 3 years
Measurement	Continuous
Relative humidity	0 - 95 % Rh
Dimensions	109 x 65 x 25 mm
Weight	125 gm

GASES AND RANGES

1.	CO	: 0 - 1000	PPM	5.	HBr	: 0 - 5 / 0 - 200	PPM	9.	NH_3	: 0 - 10 / 0 - 100	PPM
2.	Cl_2	: 0 - 50	PPM	6.	HCN	: 0 - 10	PPM	10.	O_2	: 0 - 25	%V/V
3.	H_2	: 0 - 1000	PPM	7.	NO	: 0 - 1000/0 - 5000	PPM	11.	SOx	: 0 - 20 / 0 - 2000	PPM
4.	H_2S	: 0 - 5 / 0 - 1000	PPM	8.	NOx	: 0 - 1000/0 - 5000	PPM	10.	O_3	: 0 - 1000	$\mu g/m^3$

ORDERING INFORMATION



Note : Specifications and Features will vary with application. There may be changes overtime due to continuous development process.

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